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Product datasheet for TA803577

MAP1LC3A Mouse Monoclonal Antibody [Clone ID: OTI10H6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI10H6
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MAP1LC3A (NP_115903) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	microtubule associated protein 1 light chain 3 alpha
Database Link:	NP_115903 Entrez Gene 66734 MouseEntrez Gene 362245 RatEntrez Gene 84557 Human Q9H492
Background:	MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B. Two transcript variants encoding different isoforms have been found for this gene. The expression of variant 1 is suppressed in many tumor cell lines, suggesting that may be involved in carcinogenesis. [provided by RefSeq, Feb 2012]
Synonyms:	ATG8E; LC3; LC3A; MAP1ALC3; MAP1BLC3

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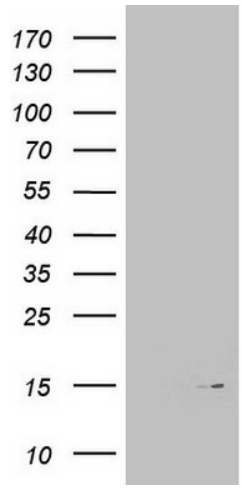
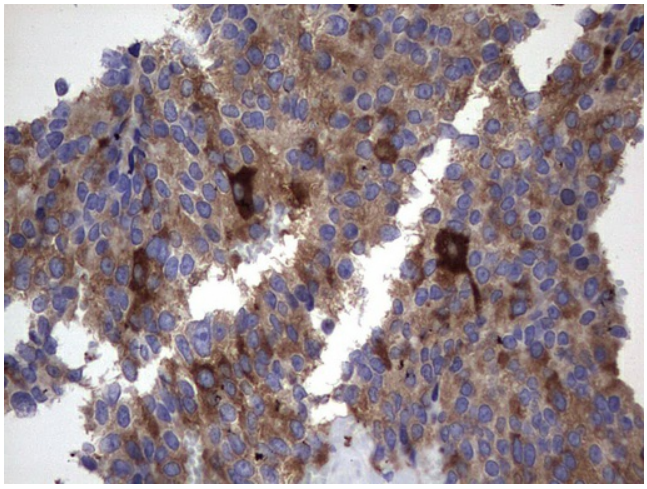
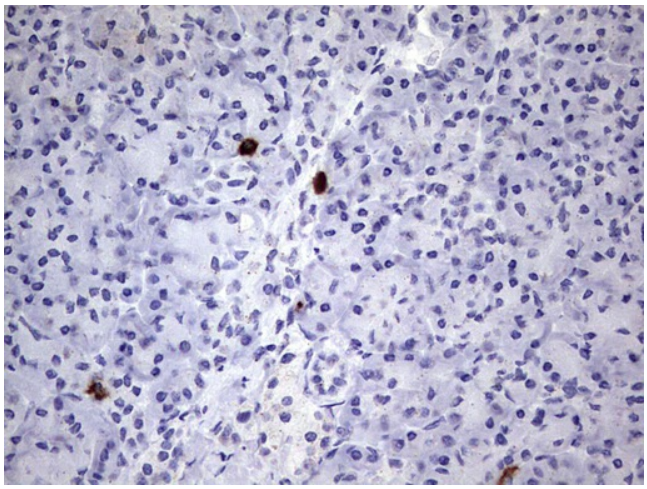
Product images:



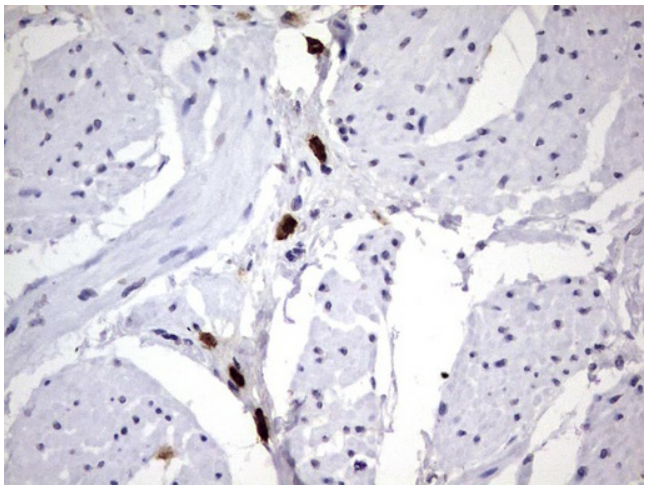
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY MAP1LC3A (Cat# [RC202222], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MAP1LC3A(Cat# TA803577).



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-MAP1LC3A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA803577)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-MAP1LC3A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA803577)



Immunohistochemical staining of paraffin-embedded Human bladder tissue within the normal limits using anti-MAP1LC3A mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA803577)